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A data-driven weighting scheme for multivariate phenotypic endpoints recapitulates zebrafish develop ...	Zhang, Guozhu; Roell, Kyle R; Truong, Lisa; Tanguay, Robert L; Reif, David M	Toxicol Appl Pharmacol (2016 Nov 22)	314 / 109-117	PubMed Citation
A genome-wide association analysis of temozolomide response using lymphoblastoid cell lines shows a ...	Brown, Chad C; Havener, Tammy M; Medina, Marisa W; Auman, J Todd; Mangravite, Lara M; Krauss, Ronald M; McLeod, Howard L; Motsinger-Reif, Alison A	Pharmacogenet Genomics (2012 Nov)	22 / 796-802	PubMed Citation
Aggregate entropy scoring for quantifying activity across endpoints with irregular correlation struc ...	Zhang, Guozhu; Marvel, Skylar; Truong, Lisa; Tanguay, Robert L; Reif, David M	Reprod Toxicol (2016 Jul)	62 / 92-9	PubMed Citation
Amide isosteres of oroidin: assessment of antibiofilm activity and <i>C. elegans</i> toxicity.	Richards, Justin J; Reyes, Samuel; Stowe, Sean D; Tucker, Ashley T; Ballard, T Eric; Mathies, Laura D; Cavanagh, John; Melander, Christian	J Med Chem (2009 Aug 13)	52 / 4582-5	PubMed Citation
An eigenvector interlacing property of graphs that arise from trees by Schur complementation of the ...	Griffing, Alexander R; Lynch, Benjamin R; Stone, Eric A	Linear Algebra Appl (2013 Feb 1)	438 / 1078-1094	PubMed Citation

An investigation of gene-gene interactions in dose-response studies with Bayesian nonparametrics.	Beam, Andrew L; Motsinger-Reif, Alison A; Doyle, Jon	BioData Min (2015)	8 / 6	PubMed Citation
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Confidence interval of the likelihood ratio associated with mixed stain DNA evidence.	Beecham, Gary W; Weir, Bruce S	J Forensic Sci (2011 Jan)	56 Suppl 1 / S166-71	PubMed Citation
eQTL Viewer: visualizing how sequence variation affects genome-wide transcription.	Zou, Wei; Aylor, David L; Zeng, Zhao-Bang	BMC Bioinformatics (2007)	8 / 7	PubMed Citation
Evaluation of DNA pooling for the estimation of microsatellite allele frequencies: a case study usin ...	Skalski, Garrick T; Couch, Charlene R; Garber, Amber F; Weir, Bruce S; Sullivan, Craig V	Genetics (2006 Jun)	173 / 863-75	PubMed Citation
From classical genetics to quantitative genetics to systems biology: modeling epistasis.	Aylor, David L; Zeng, Zhao-Bang	PLoS Genet (2008 Mar 14)	4 / e1000029	PubMed Citation
Genetic Architecture of Domestication-Related Traits in Maize.	Xue, Shang; Bradbury, Peter J; Casstevens, Terry; Holland, James B	Genetics (2016 Sep)	204 / 99-113	PubMed Citation
Genomic profiling in CEPH cell lines distinguishes between the camptothecins and indenoisoquinolines ...	Watson, Venita Gresham; Hardison, Nicholas E; Harris, Tyndall; Motsinger-Reif, Alison; McLeod, Howard L	Mol Cancer Ther (2011 Oct)	10 / 1839-45	PubMed Citation
High-throughput RNA sequencing of pseudomonas-infected Arabidopsis reveals hidden transcriptome comp ...	Howard, Brian E; Hu, Qiwen; Babaoglu, Ahmet Can; Chandra, Manan; Borghi, Monica; Tan, Xiaoping; He, Luyan; Winter-Sederoff, Heike; Gassmann, Walter; Veronese, Paola;	PLoS One (2013)	8 / e74183	PubMed Citation

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Optimization of nonlinear dose- and concentration-response models utilizing evolutionary computation ...	Beam, Andrew L; Motsinger-Reif, Alison A	Dose Response (2011)	9 / 387-409	PubMed Citation
Pharmacogenomic characterization of US FDA-approved cytotoxic drugs.	Peters, Eric J; Motsinger-Reif, Alison; Havener, Tammy M; Everitt, Lorraine; Hardison, Nicholas E; Watson, Venita G; Wagner, Michael; Richards, Kristy L; Province, Mike A; McLeod, Howard L	Pharmacogenomics (2011 Oct)	12 / 1407-15	PubMed Citation
SNAP: Combine and Map modules for multilocus population genetic analysis.	Aylor, David L; Price, Eric W; Carbone, Ignazio	Bioinformatics (2006 Jun 1)	22 / 1399-401	PubMed Citation

Structural properties of the minimum cut of partially-supplied graphs.	Griffing, Alexander R; Lynch, Benjamin R; Stone, Eric A	Discrete Appl Math (2014 Nov 20)	117 / 152-157	PubMed Citation
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